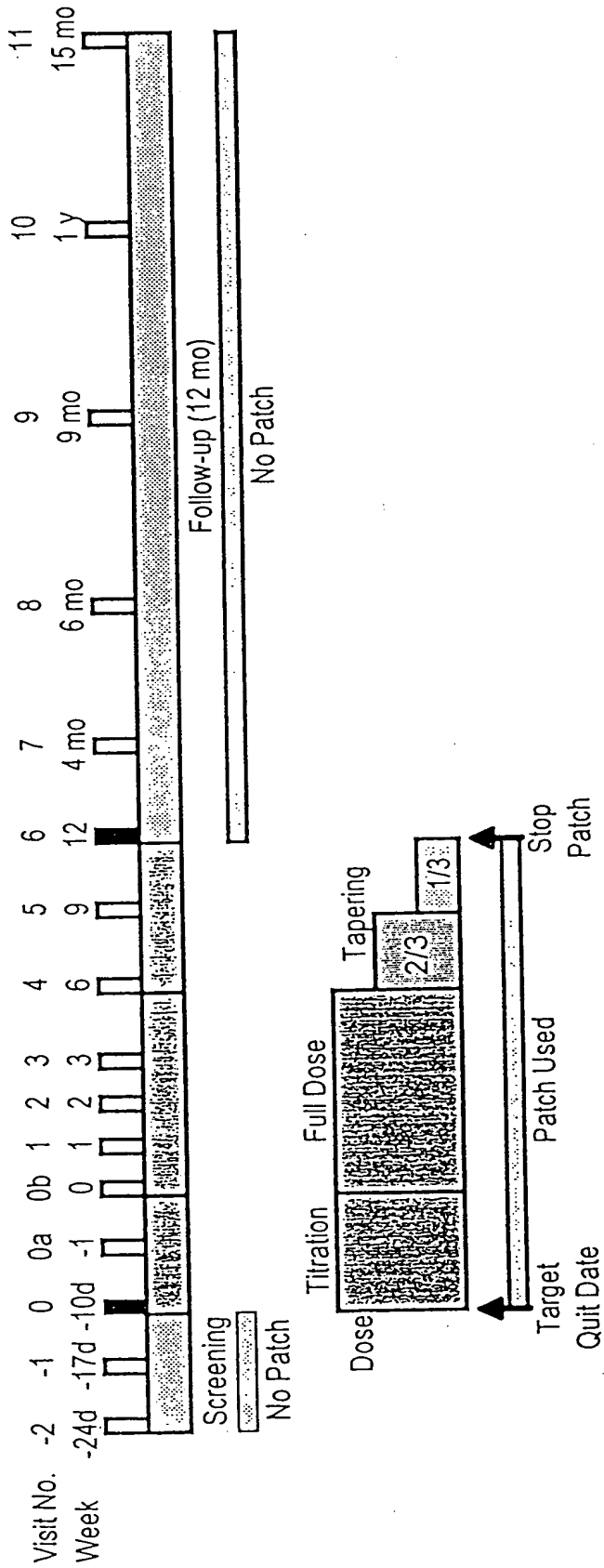


# Optimal Dosing Study - Figure 1



**FIGURE 2**

Range of Nicotine Patch Doses Computed by the  
 Sachs Optimal Dosing Algorithm (SODA) to Achieve  
 50% Cotinine Replacement in Serum During  
 Nicotine Patch Treatment

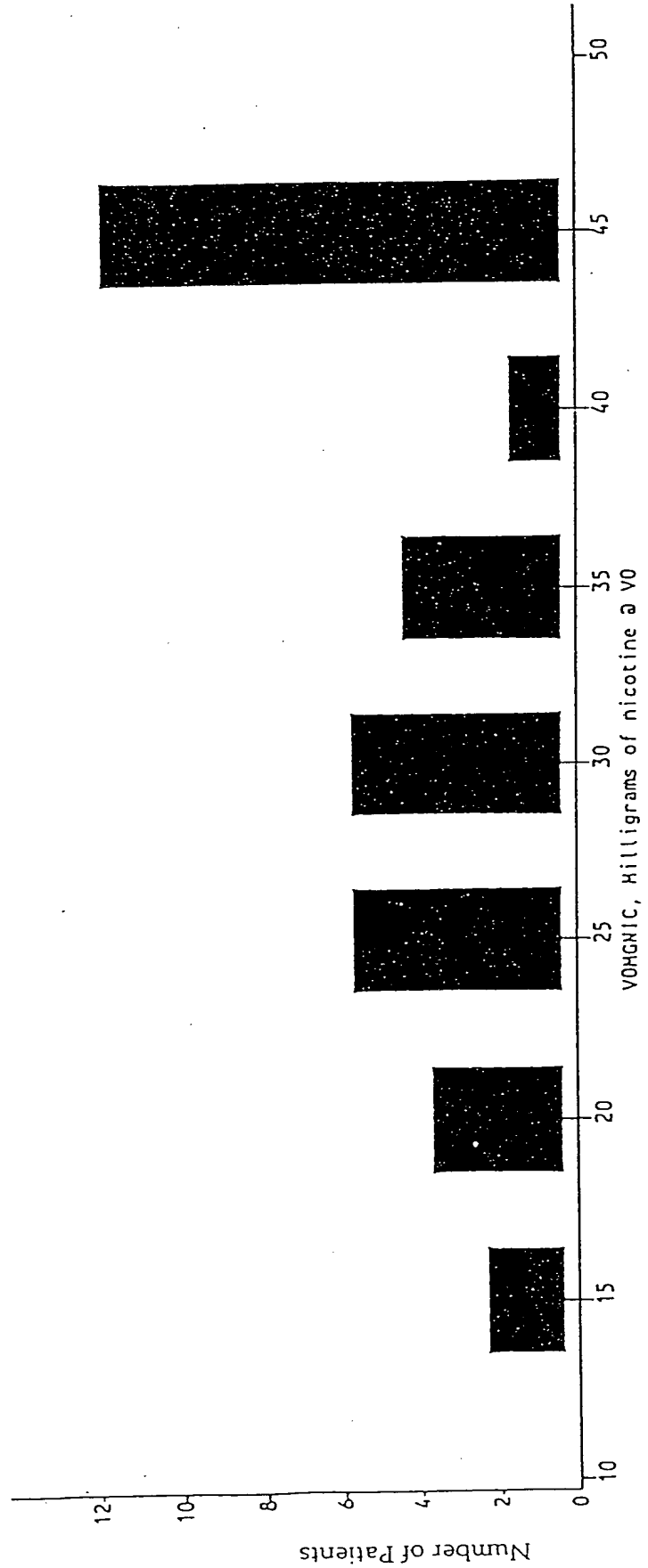


FIGURE 3

Range of Nicotine Patch Doses Computed by the  
Sachs Optimal Dosing Algorithm (SODA) to Achieve  
100% Cotinine Replacement in Serum During  
Nicotine Patch Treatment

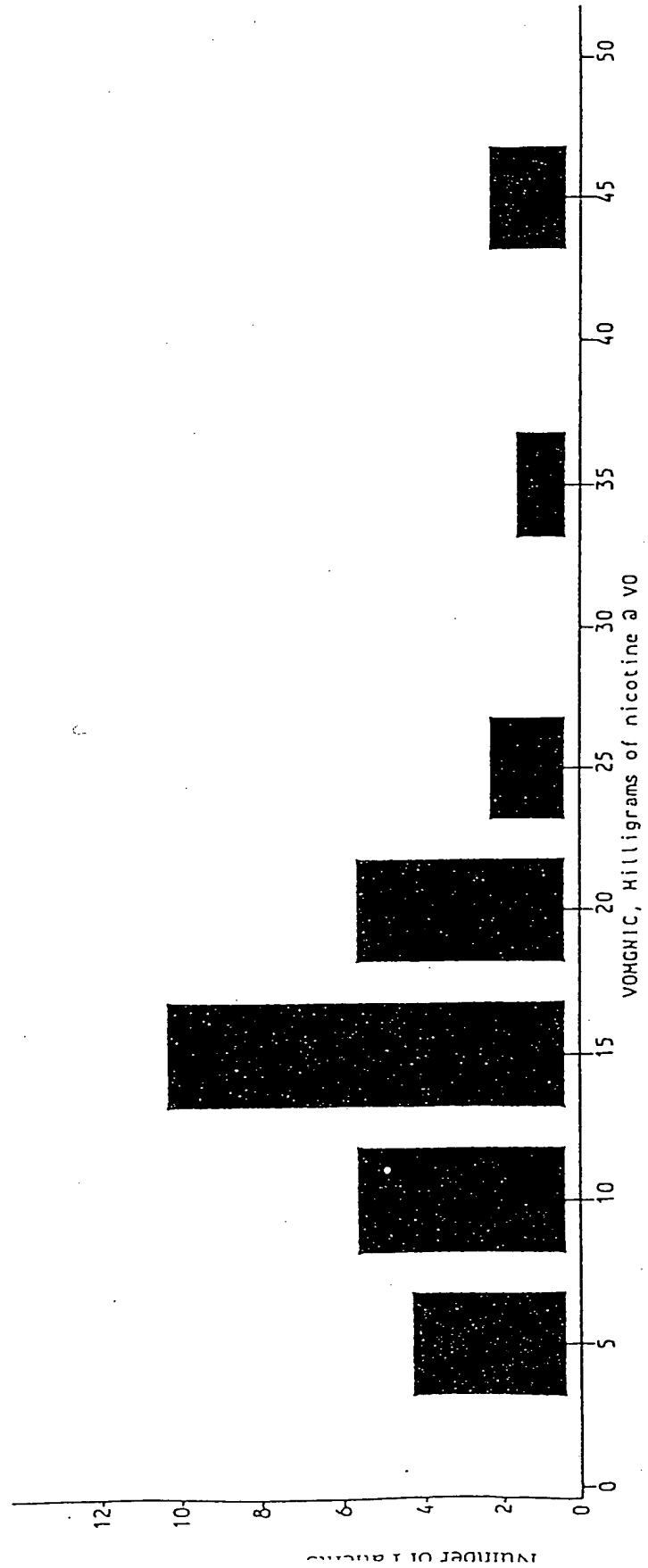


FIGURE 4

Actual % Cotinine Replacement Actually Attained,  
for those Subjects in the 50% Cotinine Replacement Condition,  
by the Computed Nicotine Patch Dose Shown in  
Figure 2 and Table 3

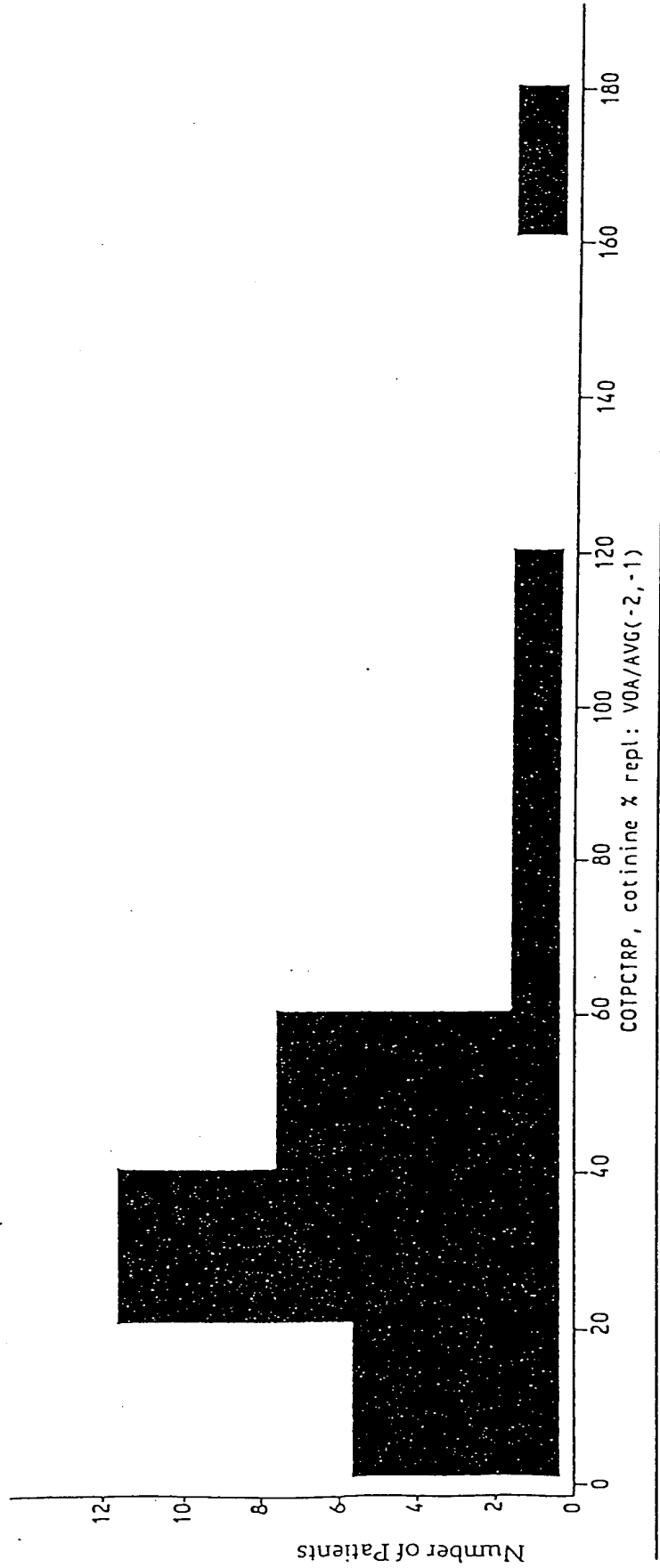
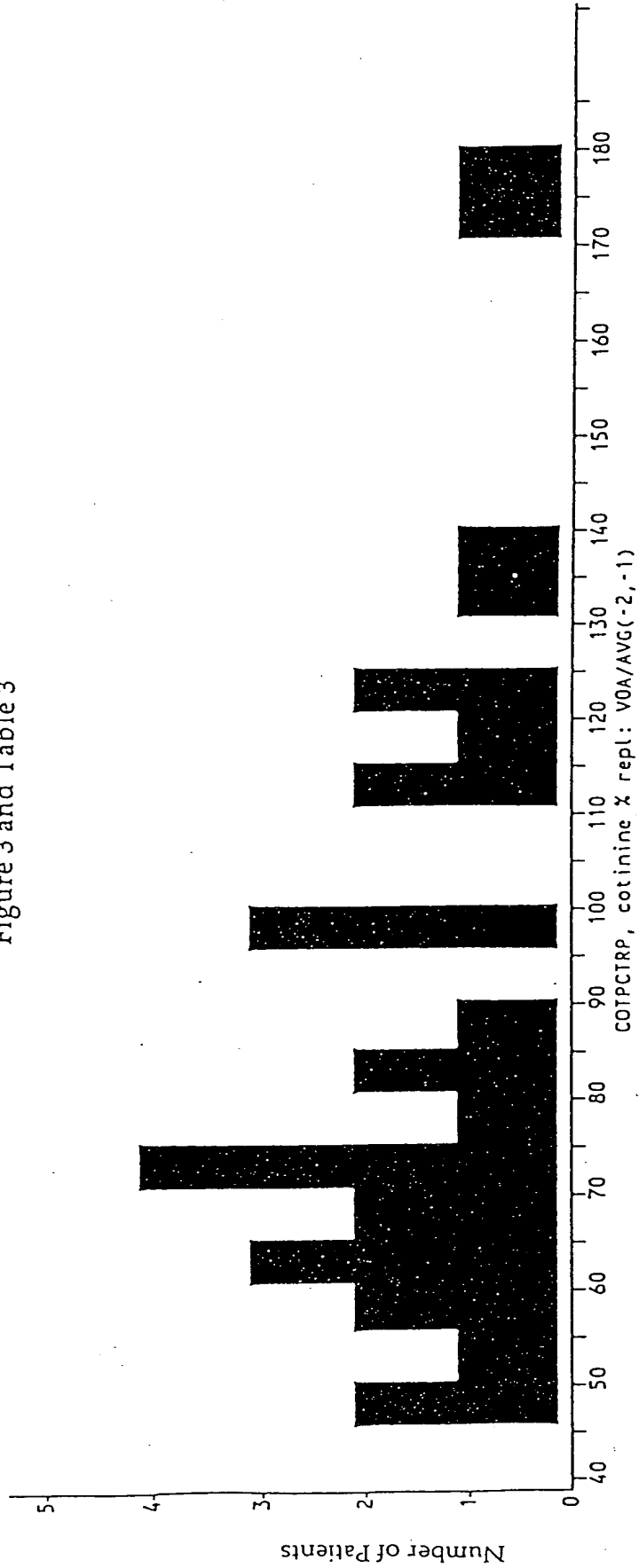


FIGURE 5

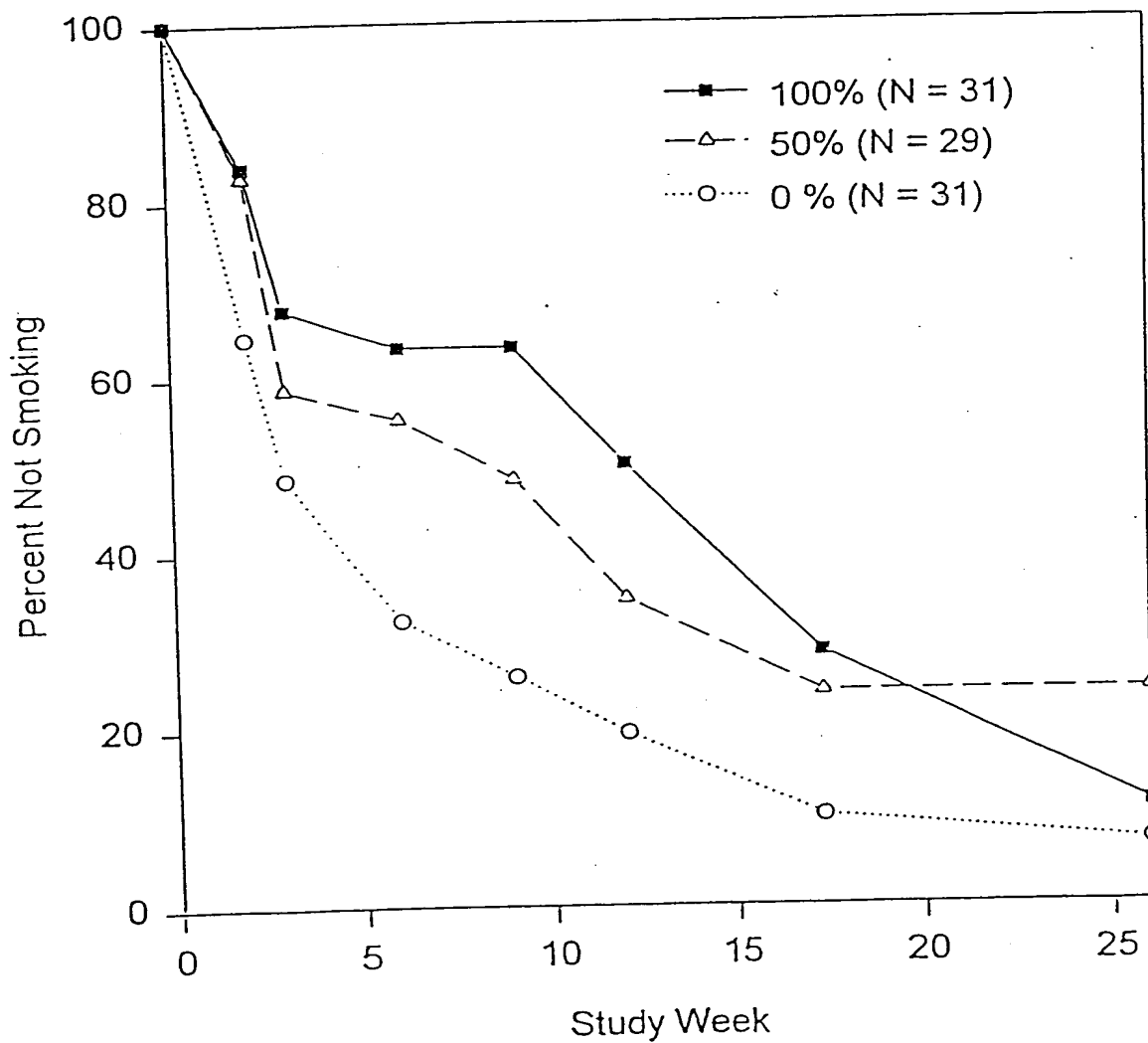
Actual % Cotinine Replacement Actually Attained,  
for those Subjects in the 100% Cotinine Replacement Condition,  
by the Computed Nicotine Patch Dose Shown in  
Figure 3 and Table 3



**FIGURE 6**

**Six Months Continuous Nonsmoking by  
Treatment Condition to Which Subject Was Randomized**

P = 0.0127 (Log-Rank), P = 0.0196 (Wilcoxon)

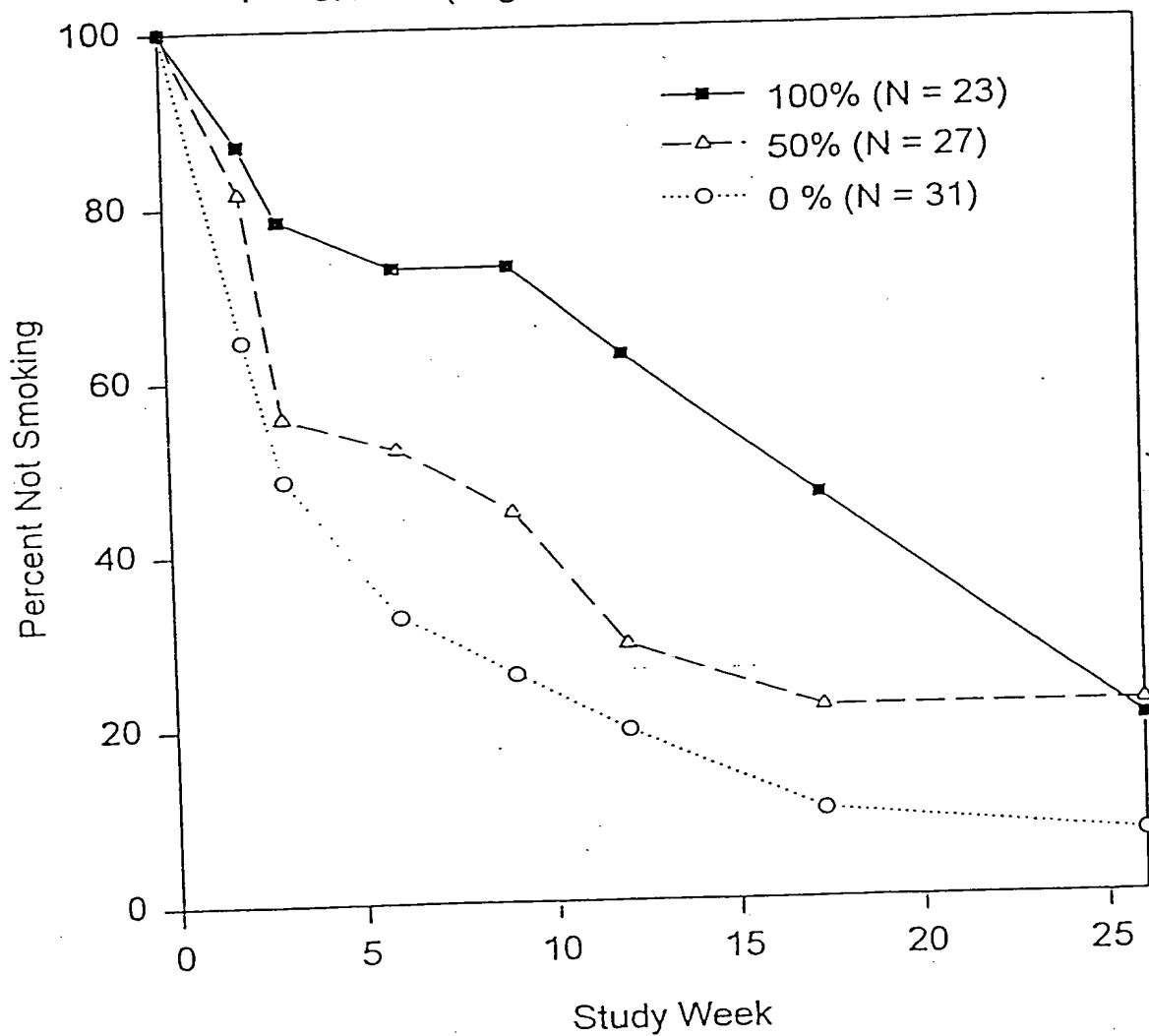


**FIGURE 7**

**Six Months Continuous Nonsmoking by  
Treatment Condition to Which Subject Was Randomized**

10 Underdosed Subjects Deleted

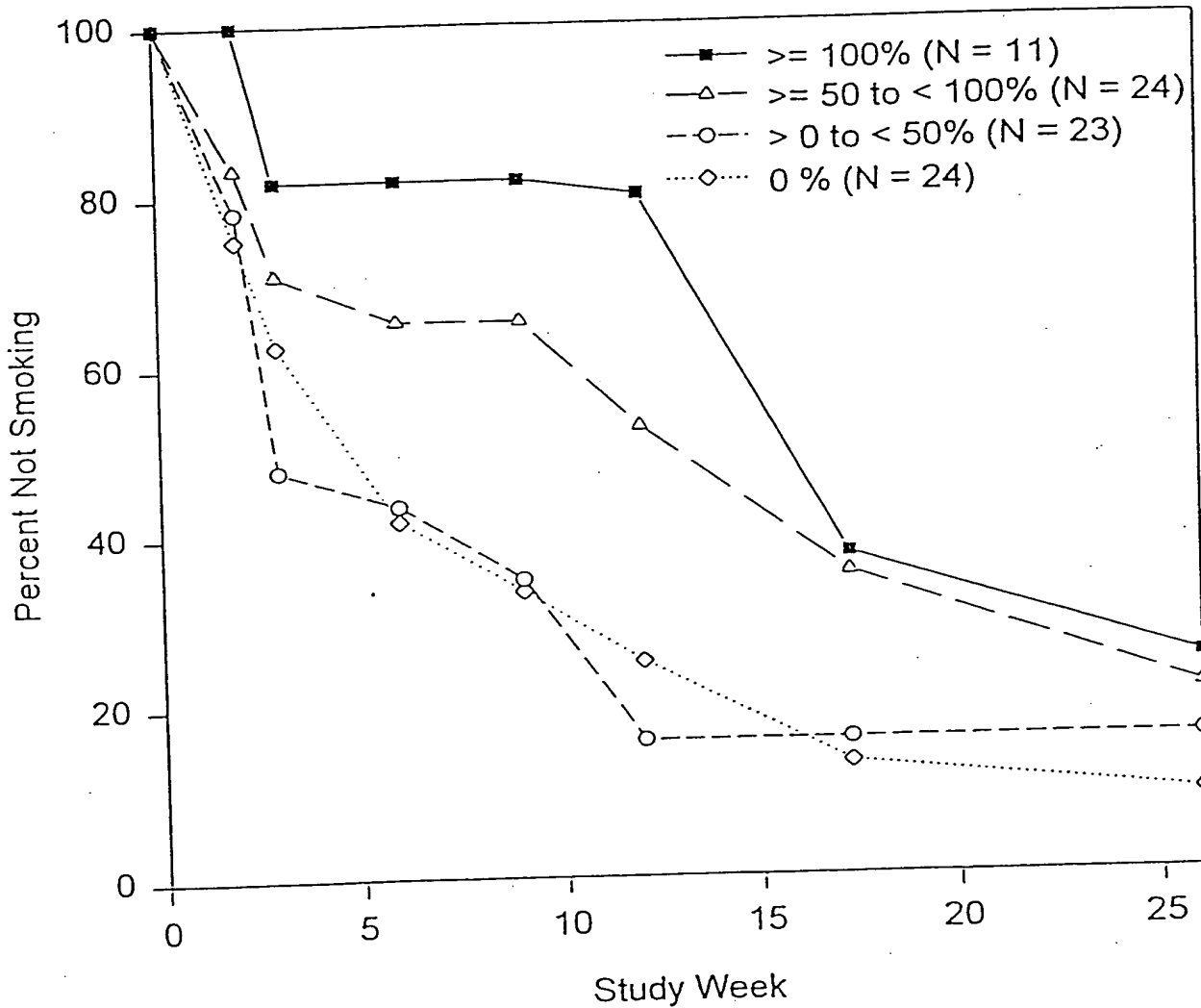
P = 0.0018 (Log-Rank), P = 0.0047 (Wilcoxon)



**FIGURE 8**

**Six Month Continuous Nonsmoking by  
Percent Cotinine Replacement Attained from Patch**

P = 0.0385 (Log-Rank), P = 0.0336 (Wilcoxon)



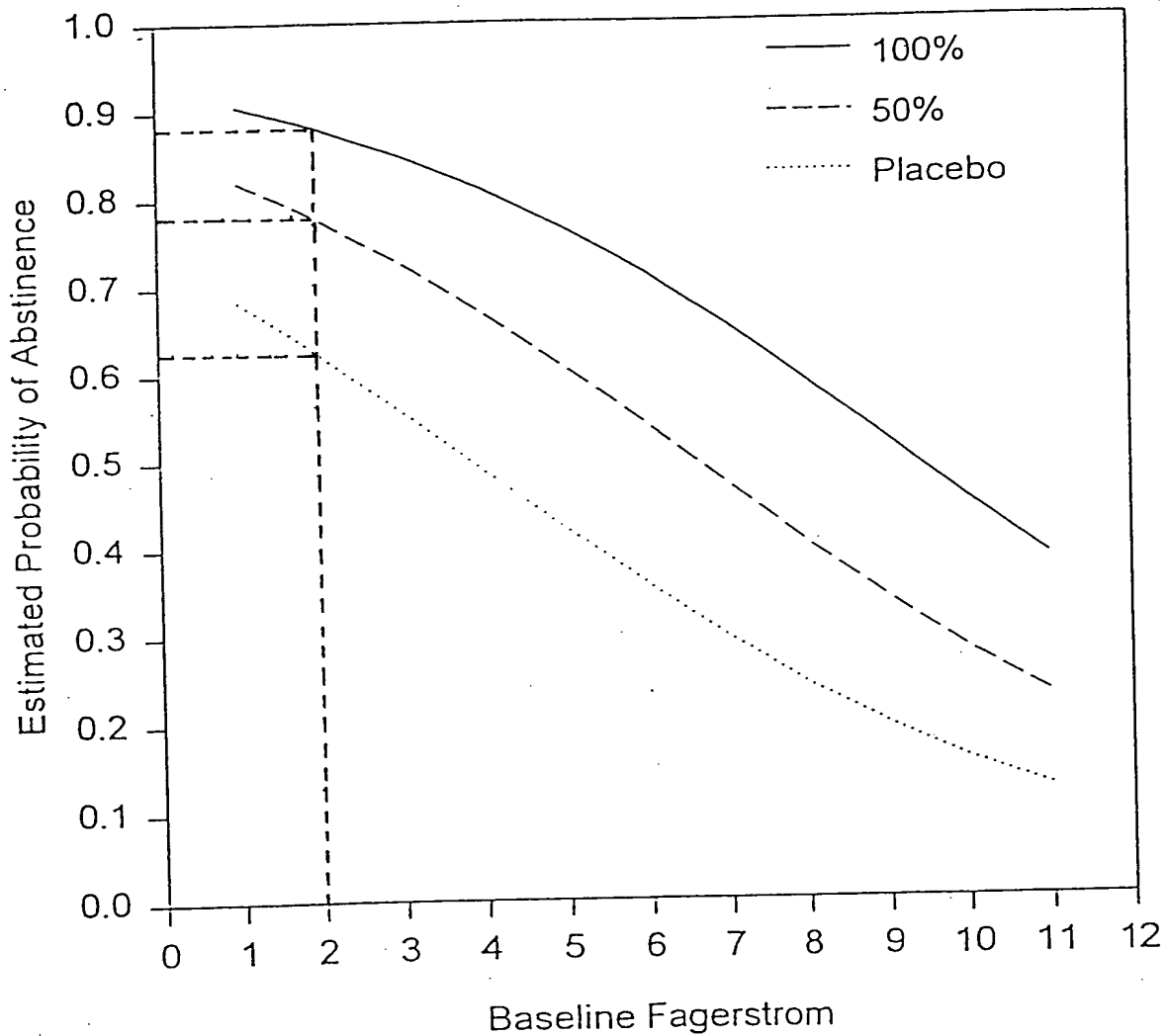


## FIGURE 9

### Baseline Fagerstrom and Abstinence at Visit 4 (Week 6)

Optimal Dosing Study

P-Values: Model (0.004), Dose(0.008), Fagerstrom(0.030)



## FIGURE 10

### Baseline Fagerstrom and Abstinence at Visit 6 (Week 12)

Optimal Dosing Study

P-Values: Model (0.001), Dose(0.005), Fagerstrom(0.002)

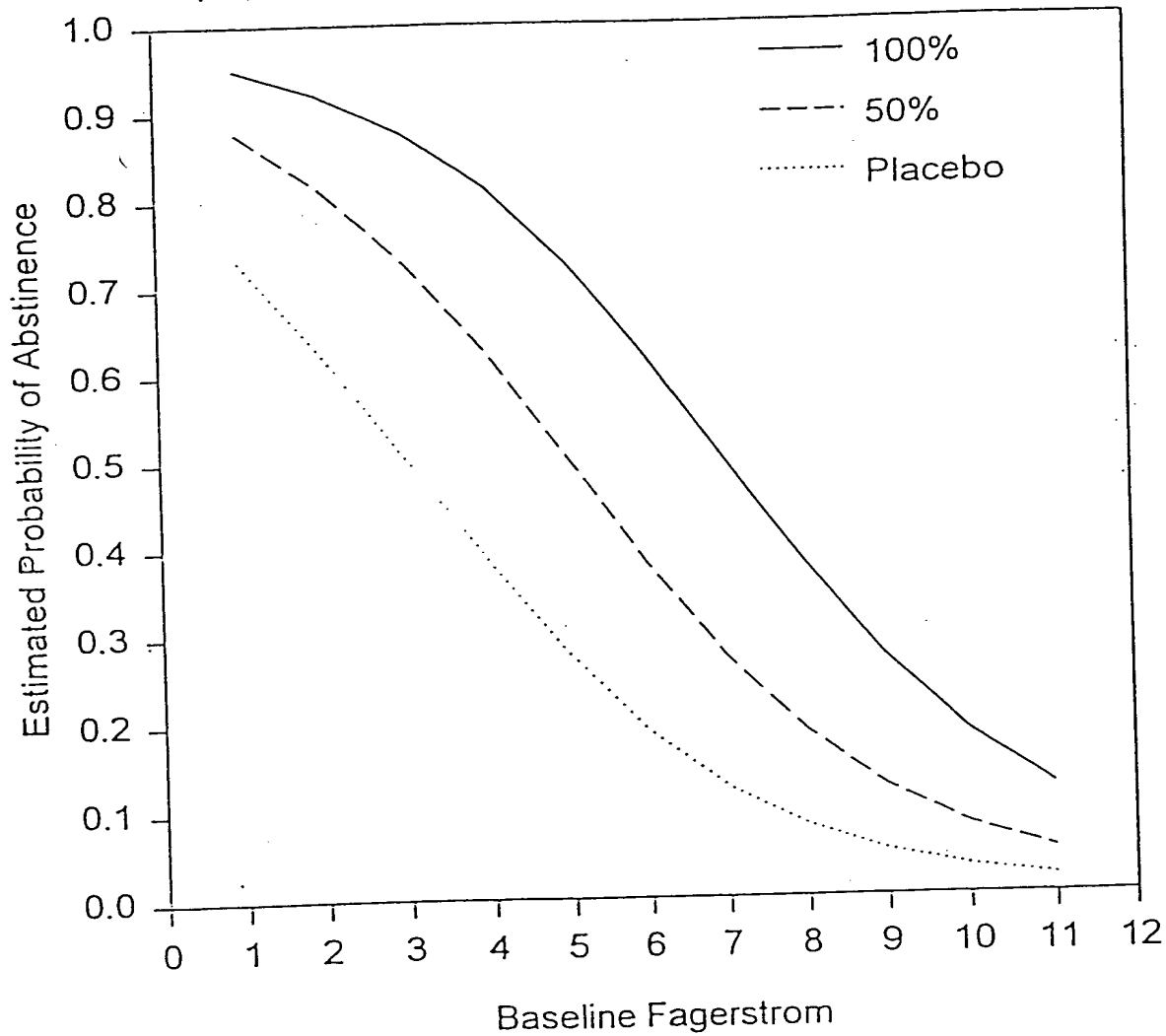
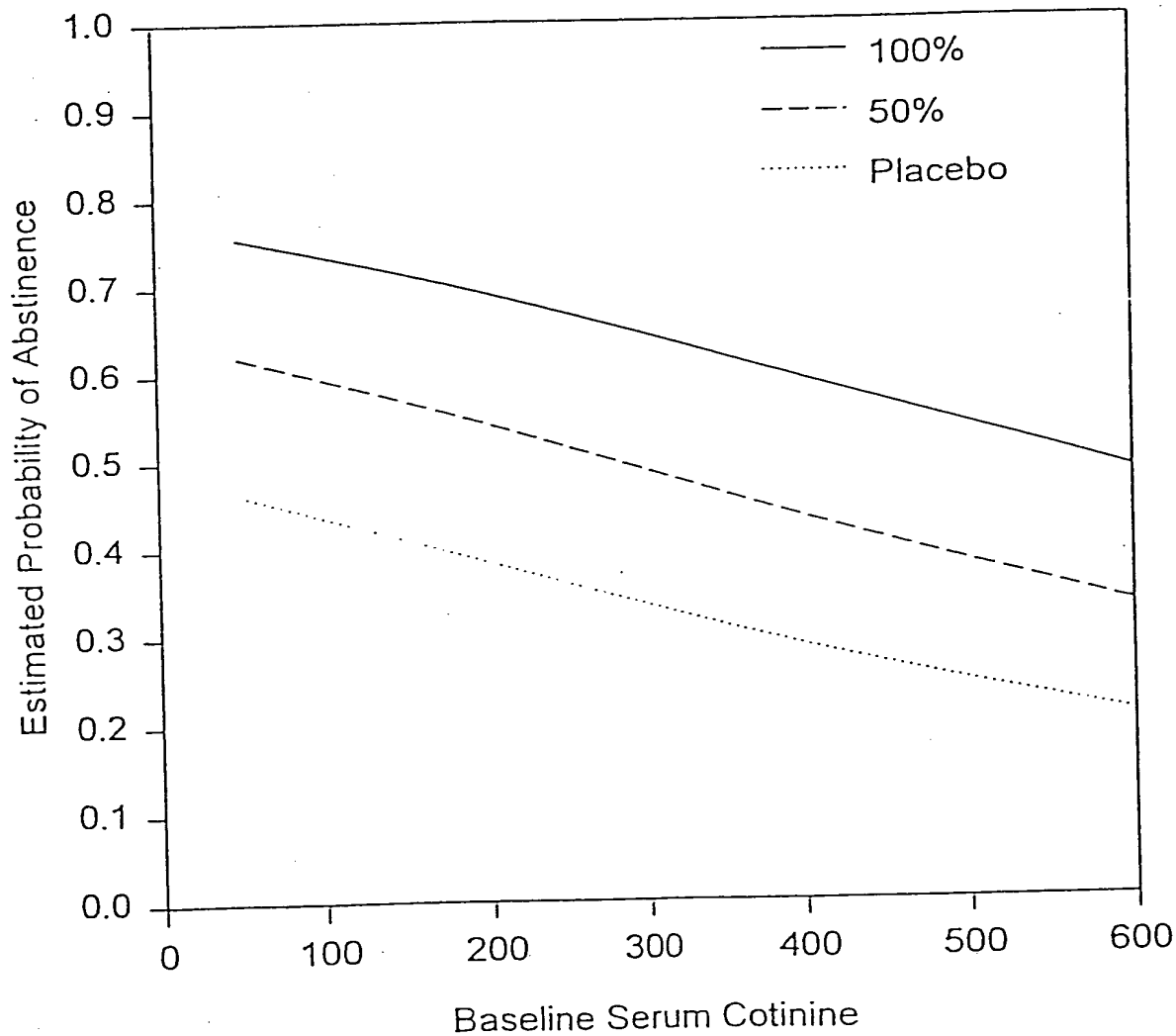


FIGURE 11

Baseline Cotinine and Abstinence at Visit 4 (Week 6)

Optimal Dosing Study

P-Values: Model (0.029), Dose(0.019), Cotinine(0.295)

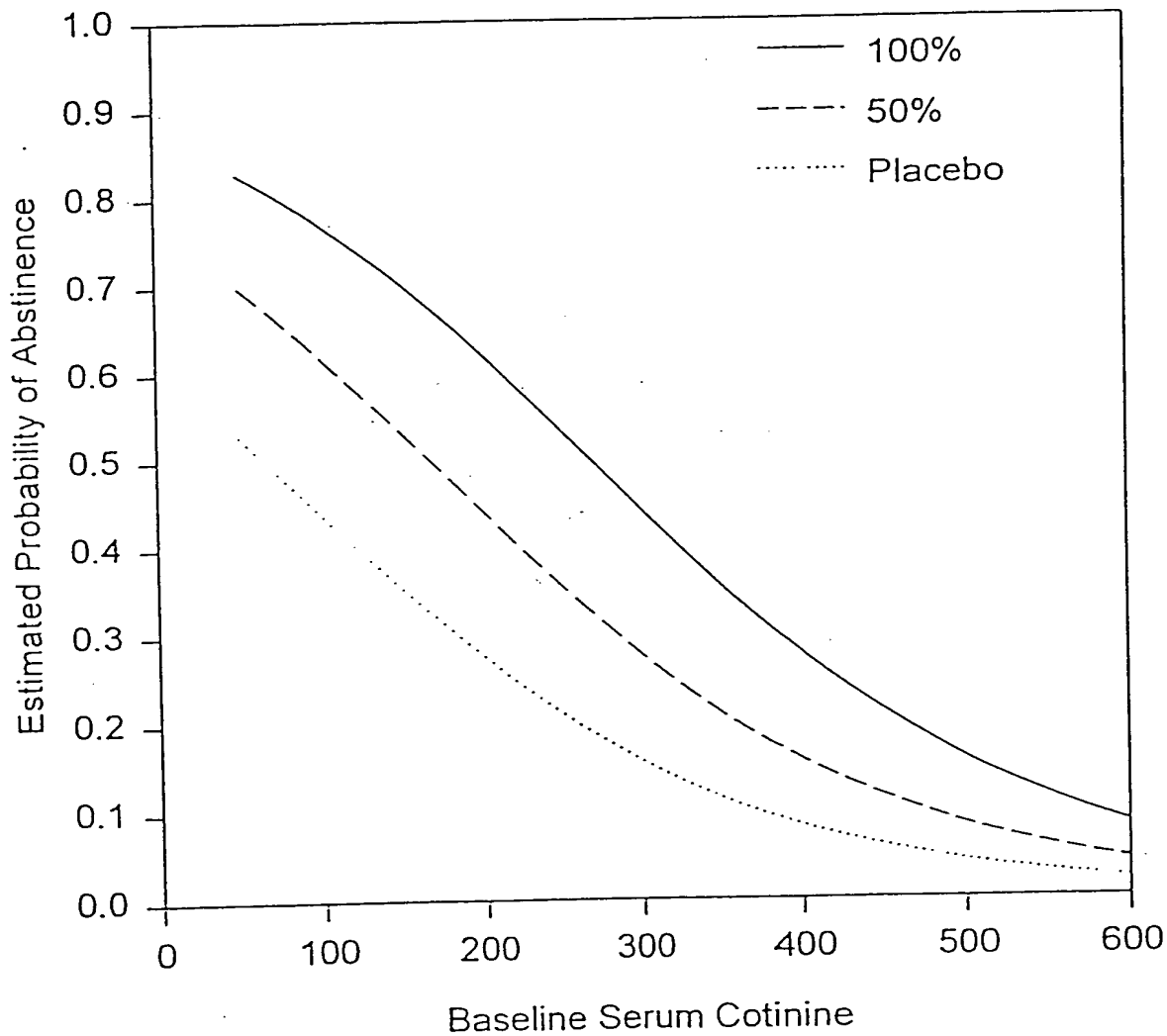


## FIGURE 12

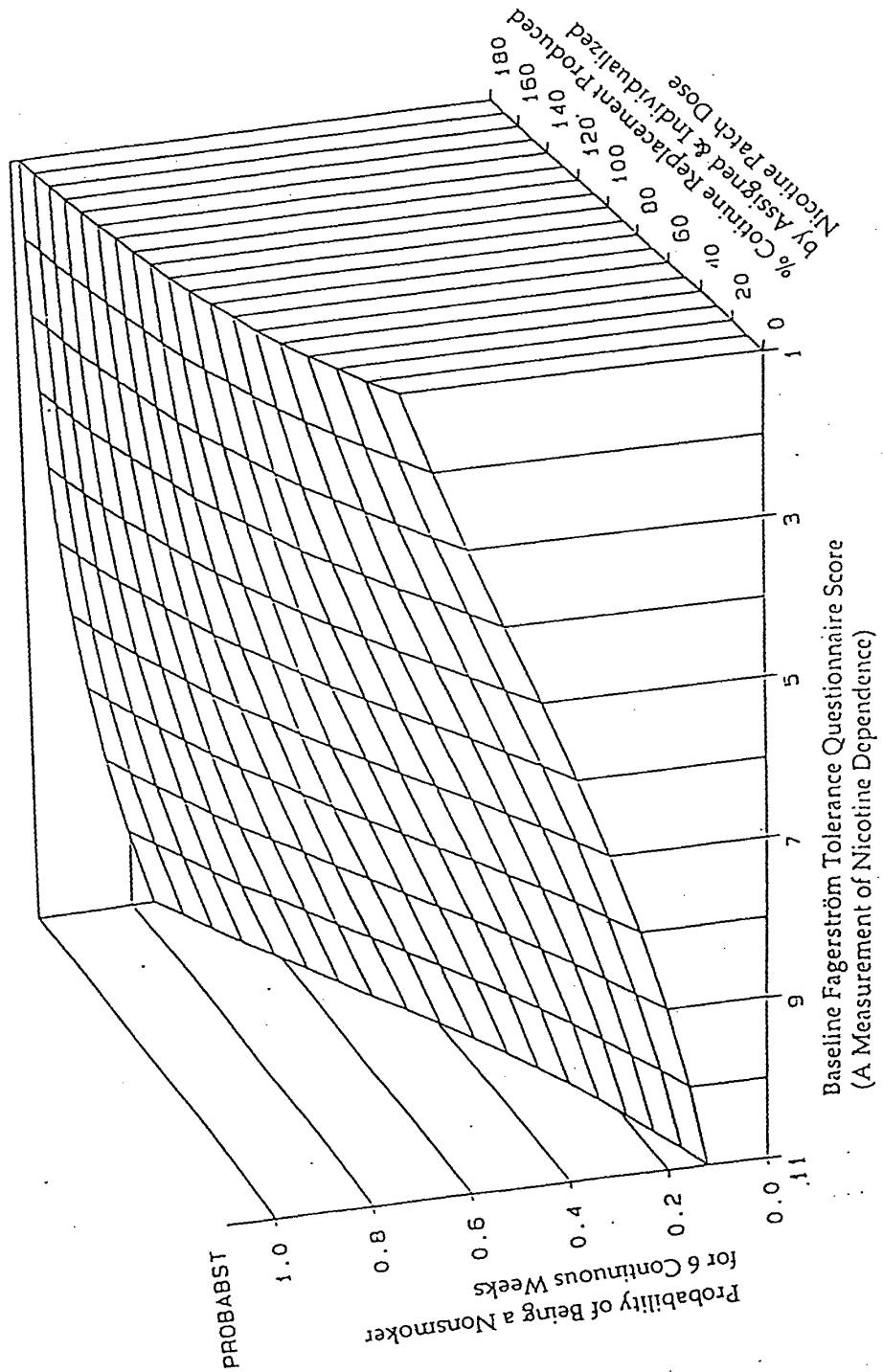
### Baseline Cotinine and Abstinence at Visit 6 (Week 12)

Optimal Dosing Study

P-Values: Model (0.001), Dose(0.024), Cotinine(0.007)



**FIGURE 13**  
 Baseline Fagerström Score, % Cotinine Replacement  
 & Continuous Nonsmoking Status at Visit 4 (Week 6)  
 Optimal Dosing Study  
 P-Values: Model (0.004), Fagerström Score (0.035), % Cotinine Replacement (0.010)



**FIGURE 14**  
 Baseline Fagerström Score, % Cotinine Replacement  
 & Continuous Nonsmoking Status at Visit 6 (Week 12)  
 Optimal Dosing Study  
 P-Values: Model (0.0001), Fagerström Score (0.0013), % Cotinine Replacement (0.0007)

